

Mattoon, Coles county: mean temperature, 71°.6, is 1° below the June average for the last five years.

Swanwick, Perry county: mean temperature, 72°.4, is 0°.4 below the June average for the last four years.

Collinsville, Madison county: mean temperature, 72°.1, is 2° below the June average.

Sycamore, De Kalb county: mean temperature, 65°.5, is about the normal for June.

Indiana.—Vevay, Switzerland county: mean temperature, 71°.9, is 2°.2 below the June average for the last twenty-one years.

Logansport, Cass county: mean temperature, 74°.3, is 3°.2 below the June average for the last twenty-six years.

Wabash, Wabash county: mean temperature, 70°.4, is 0°.5 above the June average for the last nine years.

Spiceland, Henry county: mean temperature, 68°.5, is 2° below the June average for a period of thirty-one years.

Kansas.—Wellington, Sumner county: mean temperature, 74°.4, is 0°.5 above the June average for the last seven years.

Yates Centre, Woodson county: mean temperature, 71°.1, exactly coincides with the June average for the last five years.

Independence, Montgomery county: mean temperature, 72°.9, is 2° below the June average for the last fourteen years.

Lawrence, Douglas county: mean temperature, 72°.6, is 1°.2 below the June average for the last seventeen years.

Maine.—Gardiner, Kennebec county: mean temperature, 62°.1, is 1°.3 below the June average for the last forty-nine years.

Maryland.—Fallston, Harford county: mean temperature, 68°.3, is 2°.2 below the June average for a period of twelve years.

Massachusetts.—Somerset, Bristol county: mean temperature, 69°.1, is 0°.2 below the June average.

Worcester, Worcester county: June is the tenth consecutive month the mean temperature for which has been below the normal; the normal for a period of forty-seven years is 65°.8; for June, 1885, it is 63°.5, or 2°.1 lower.

New Jersey.—South Orange, Essex county: mean temperature, 68°.2, is 1°.7 below the June average for the last fifteen years.

New York.—North Volney, Oswego county: mean temperature, 62°.5, is 2°.5 below the June average for seventeen years.

Palermo, Oswego county: mean temperature, 61°.1, is 4°.6 below the June average for the last thirty-two years.

Ohio.—Wauseon, Fulton county: mean temperature, 66°.5, is 2°.0 below the June average for fifteen years.

Pennsylvania.—Dyberry, Wayne county: mean temperature, 61°.2, is 3°.4 below the June average for a period of nineteen years.

Texas.—New Uln, Austin county: mean temperature, 81°.2, is 0°.7 above the June average for the last thirteen years.

Vermont.—Woodstock, Windsor county: mean temperature, 64°.3, is 0°.4 above the June average for the last eighteen years.

Virginia.—Wytheville, Wythe county: mean temperature, 70°.6, is 2°.4 above the normal for a period of twenty-two years.

Dale Enterprise, Rockingham county: mean temperature, 75°.3, is 5°.3 above the June average for the last five years.

West Virginia.—Helvetia, Randolph county: mean temperature, 65°.7, is 0°.4 below the June average for the last nine years.

FROSTS.

Frosts are reported to have occurred in the various states and territories as follows:

Arizona.—Fort Grant, 6th.

California.—Blue Lake, 6th.

Colorado.—Pike's Peak, 3d, 5th, 8th, 15th, 22d, 28th, 29th; Montrose, 8th; Fort Lewis, 6th, 7th, 8th.

Connecticut.—North Colebrook, 6th, 10th.

Dakota.—Fort Buford and Fort Yates, 8th; Bismarck, 8th, 9th, 22d, 23d; Huron, 8th, 22d; Yankton, 9th, 22d; Deadwood, 8th, 15th, 16th; Fort Meade, 16th; Webster, 8th, 9th, 22d.

Idaho.—Albion, 8th.

Illinois.—Mattoon, Wilton Centre and Charleston, 9th.

Indiana.—Logansport, Wabash, and La Fayette, 9th; Spiceland, 9th, 22d.

Iowa.—Des Moines, Cresco, West Union, and Muscatine, 9th; Dubuque and Manchester, 9th, 22d.

Maine.—Orono, 3d; Gardiner, 6th, 10th.

Massachusetts.—Rowe, 6th; Amherst, 10th.

Michigan.—Marquette, 8th; Lansing, 9th; Escanaba, 8th, 9th, 22d, 29th; Grand Haven, 9th, 10th, 22d, 29th; Buchanan, 9th, 10th, 13th, 16th, 17th, 22d, 29th, 30th; Manistique, 7th, 8th, 22d, 29th; Traverse City, 21st, 29th; Birmingham, 21st, 30th; Thornville, 22d; Hudson and Port Huron, 23d; Alpena, 29th.

Minnesota.—Duluth, 8th; Saint Vincent and Moorhead, 8th, 22d; Northfield, 8th, 9th; Chester, 9th, 20th.

Montana.—Fort Shaw and Helena, 8th; Fort Maginnis, 15th.

Nebraska.—Stockham, 8th; Columbus, 8th, 22d.

Nevada.—Winnemucca, 6th, 12th; Carson City, 4th, 6th, 7th, 11th to 14th, 26th.

New Hampshire.—Mount Washington, 1st, 8th, 9th, 10th, 23d.

New Jersey.—Dover, 10th.

New Mexico.—Santa Fe, 6th.

New York.—Oswego and Auburn, 3d; Ithaca, 6th; Humphrey, 10th; Factoryville and Menand Station, 6th, 10th; North Volney, 23d.

Ohio.—North Lewisburg, Westerville, Wauseon, and Yellow Springs, 9th; Garrettsville, 9th, 10th.

Oregon.—Fort Klamath, 6th.

Pennsylvania.—Dyberry, 2d, 3d, 10th; Wellsborough, 2d, 3d, 6th, 18th, 23d; Grampian Hills, 9th, 10th; Troy, 5th, 9th; Drifton, 9th.

Utah.—Nephi, 6th.

Vermont.—Strafford and Woodstock, 6th, 10th; Wooster Mountain, 9th, 24th; Dorset, 6th, 10th, 11th.

Wisconsin.—La Crosse, 22d, 23d; Embarras, 9th, 29th; Neillsville, 8th, 9th, 10th, 16th, 22d, 29th; Wausau, 8th, 9th, 29th.

Wyoming.—Fort Bridger, 7th, 8th; Cheyenne, 15th.

The following reports of injury to vegetation by the frosts of June have been reported:

Fort Grant, Arizona: a very low temperature (48°.8) for this season, occurred on the 6th; light frost was noticeable at this station, and a heavy frost occurred a few miles to the northward.

Saint Vincent, Minnesota: a killing frost occurred here on the morning of the 8th,

Moorhead, Minnesota: the frost on the 8th caused injury to garden vegetables and corn.

Huron, Dakota: a killing frost was reported from districts north of this place on the 8th.

Albion, Idaho: a killing frost occurred here on the 8th.

Northfield, Minnesota: a very light frost occurred on the 8th; on the 9th there was a heavy frost, but no damage was caused, except to tender vegetation in the lowlands.

Grand Haven, Michigan: reports from inland towns state that the frost on the morning of the 10th caused considerable damage to vegetation.

The "New York Journal of Commerce," of June 23d, contained the following:

Dispatches from the western part of the lower peninsula of Michigan report heavy frosts last night, with considerable damage to corn and other growing crops.

ICE.

The following instances of ice formation have been reported: Fort Lewis, Colorado, 6th, 7th, one-fourth inch in thickness. Mount Washington, New Hampshire, 2d.

PRECIPITATION.

[Expressed in inches and hundredths.]

The distribution of rainfall over the United States and Can-

ada for June, 1885, as determined from reports of observations made at more than eight hundred stations, is exhibited on chart iii.

In the following table are shown, for each of the geographical districts, as deduced from Signal Service observations—the average June precipitation for a series of years, the average for June, 1885, and the departures from the normal:

Average precipitation for June, 1885.

Districts.	Average for June, Signal-Service observations.		Comparison of June, 1885, with the average for several years.
	For several years.	For 1885.	
	Inches.	Inches.	Inches.
New England.....	3.76	3.33	-0.43
Middle Atlantic states.....	3.59	2.31	-1.28
South Atlantic states.....	5.01	5.80	+0.79
Florida peninsula.....	6.20	7.36	+1.16
Eastern Gulf states.....	4.94	4.23	-0.71
Western Gulf states.....	3.53	2.97	-0.56
Rio Grande valley.....	1.60	0.27	-1.33
Tennessee.....	4.57	3.62	-0.95
Ohio valley.....	4.44	4.22	-0.22
Lower lake region.....	3.76	3.25	-0.51
Upper lake region.....	4.23	4.64	+0.41
Extreme northwest.....	3.62	4.62	+1.00
Upper Mississippi valley.....	5.62	5.04	-0.58
Missouri valley.....	4.82	4.29	-0.53
Northern slope.....	2.23	4.18	+1.95
Middle slope.....	3.40	4.18	+0.78
Southern slope.....	2.98	4.18	+1.20
Southern plateau.....	0.42	0.60	+0.18
Middle plateau.....	0.70	2.54	+1.84
Northern plateau.....	1.20	2.74	+1.54
North Pacific coast region.....	1.34	1.36	+0.02
Middle Pacific coast region.....	0.35	0.75	+0.40
South Pacific coast region.....	0.10	0.02	-0.08
Mount Washington, N. H.....	9.45	11.34	+1.89
Pike's Peak, Colo.....	1.83	1.39	-0.44

A comparison of the reports from the several stations with the average for a number of years, shows the precipitation for June, 1885, to have been deficient from the Rio Grande river eastward to Georgia, in southern Florida, Tennessee, the Ohio valley, middle Atlantic states, along the coast of Washington territory and over an area extending from Kansas, northeastward to the upper lake region. In all other districts, the precipitation for June, 1885, has been in excess of the average.

The following are some of the most marked departures, both above and below the normal: Fort Elliott, Texas, +6.87; Cedar Keys, Florida, +4.83; Moorhead, Minnesota, +4.12; Fort Benton, Montana, +3.75; Fort Maginnis, Montana, +3.56; Omaha, Nebraska, -4.06; Des Moines, Iowa, -3.36; Block Island, Rhode Island, -3.08; Escanaba, Michigan, -2.85; Indianola, Texas, -2.53.

DEVIATIONS FROM AVERAGE PRECIPITATION.

The departures exhibited by the reports from the regular Signal Service stations, are shown in the table of average precipitation for the several geographical districts, and also in the table of miscellaneous meteorological data. The following notes in connection with this subject are reported by voluntary observers:

Arkansas.—Lead Hill, Boone county: monthly precipitation, 3.69; is 1.96 below the June average for the last three years.

Mount Ida, Montgomery county: monthly precipitation, 7.30, is the largest recorded in June during the last eleven years.

Dakota.—Webster, Day county: monthly precipitation, 8.88, is 2.75 above the June average for the last three years.

Georgia.—Milledgeville, Baldwin county: monthly precipitation, 4.06, is 0.70 below the June normal.

Illinois.—Riley, McHenry county: monthly precipitation, 5.80, is 1.69 in excess of the June average for the last twenty-four years.

Anna, Union county: monthly precipitation, 6.89, is 0.72 above the June average for the last ten years.

Mattoon, Coles county: monthly precipitation, 6.70, is 1.67 above the June average for the last five years.

Swanwick, Perry county: monthly precipitation, 5.66, is 0.61 above the June average for the last four years.

Collinsville, Madison county: monthly precipitation, 7.42, is 1.94 above the June average.

Sycamore, De Kalb county: monthly precipitation, 7.04, is 0.38 below the June average for the last four years.

Indiana.—Vevay, Switzerland county: monthly precipitation, 3.82, is 1.05 below the June average for the last twenty-one years.

Logansport, Cass county: monthly precipitation, 5.23, is 1.42 above the June average for the last twenty-six years.

Wabash, Wabash county: monthly precipitation, 5.87, is 1.23 above the June average for the last nine years.

Spiceland, Henry county: monthly precipitation, 3.64, is 0.64 below the June average for a period of twenty-seven years.

Kansas.—Wellington, Sumner county: monthly precipitation, 3.60, is 0.68 below the June average for the last seven years.

Yates Centre, Woodson county: monthly precipitation, 3.06, is 1.65 below the June average for the last five years.

Independence, Montgomery county: monthly precipitation, 5.27, is 0.50 below the June average for the last thirteen years.

Lawrence, Douglas county: monthly precipitation, 2.39, is 2.65 below the June average for the last seventeen years.

Maine.—Gardiner, Kennebec county: monthly precipitation, 5.06, is 1.77 in excess of the June average for the last forty-seven years.

Maryland.—Fallston, Harford county: monthly precipitation, 4.01, is 0.19 below the June average for the last fourteen years.

Massachusetts.—Somerset, Bristol county: monthly precipitation, 2.41, is 1.15 below the June average.

Worcester, Worcester county: monthly precipitation, 3.49, is in excess of the June average for a period of forty-five years.

South Carolina.—Kirkwood (near Camden), Kershaw county: the following table showing the monthly and annual rainfall, with number of rainy days in each year, beginning with January, 1866, has been furnished by Mr. Colin Macrae. It will be seen that the rainfall for June, 1885, exceeds the average by 1.66, and in but three years of the period covered by the record has it been greater:

Months.	1866.	1867.	1868.	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	Monthly normals.
January.....	1.43	2.12	5.89	2.48	2.85	0.97	2.44	2.67	2.36	4.96	0.60	2.83	4.41	1.76	1.65	5.55	3.13	5.79	5.35	6.22	3.23
February.....	2.43	2.08	4.65	3.22	3.83	7.07	0.28	4.59	4.82	4.99	3.60	2.34	0.76	3.06	2.56	3.77	2.11	1.64	2.73	3.65	3.51
March.....	1.43	2.85	1.76	2.12	0.60	2.77	5.31	1.26	3.73	6.03	2.83	4.46	0.63	2.35	5.22	4.05	4.18	3.77	4.73	1.40	3.28
April.....	4.59	2.71	6.40	1.31	3.00	3.02	1.05	2.06	7.70	3.81	3.46	4.83	3.34	3.74	4.72	3.78	3.78	3.97	3.82	1.62	3.65
May.....	5.61	2.73	1.61	1.93	3.57	5.12	1.70	6.53	1.80	4.32	2.66	1.32	1.58	2.23	0.48	1.04	3.86	3.74	3.54	5.02	3.02
June.....	4.00	5.52	1.84	1.79	4.68	3.39	4.91	2.44	6.23	2.31	7.43	3.20	4.98	1.49	1.96	0.58	3.08	4.64	3.19	5.36	3.70
July.....	2.52	1.24	8.40	4.22	4.64	2.09	4.53	4.62	7.22	5.49	6.60	4.67	6.42	4.60	7.30	0.39	2.98	1.65	5.54	.....	4.48
August.....	3.20	10.22	7.26	2.52	5.27	4.90	3.80	9.94	2.36	5.08	1.82	1.26	14.75	4.39	2.98	3.66	8.43	2.72	1.77	.....	5.07
September.....	0.80	4.58	4.61	1.11	1.22	1.82	2.47	8.51	5.03	3.68	4.45	6.76	6.82	2.07	4.13	3.95	3.57	2.77	4.71	.....	3.86
October.....	2.62	5.33	3.47	0.35	5.60	2.77	1.83	0.51	1.40	1.10	1.78	3.32	1.32	1.42	1.34	2.77	2.71	2.74	0.04	.....	2.33
November.....	1.46	1.97	0.00	2.38	1.59	4.19	2.23	2.57	1.94	3.16	2.61	4.37	2.68	1.33	4.03	2.55	2.97	2.73	1.11	.....	2.41
December.....	2.69	2.92	5.21	6.67	2.98	2.17	2.00	2.49	2.77	3.86	3.33	4.80	3.31	1.93	2.67	3.61	5.23	1.79	4.02	.....	2.57
Total for year.....	33.08	44.27	51.10	30.10	45.83	40.34	38.55	48.19	47.41	48.79	41.18	44.16	51.00	30.37	39.04	35.70	47.23	37.95	40.55	.....	41.83
Rainy days in each year...	73	74	90	55	49	58	70	70	80	97	73	44	72	86	82	77	83	70	79	.....	72.7

NOTE.—Position of station, lat. N. 34° 17', long. W. 80° 33'. Rain-gauge above tide water at Charleston, S. C., 232 feet. Mean annual rainfall for a period of nineteen years, 41.83 inches. Annual average number of days of precipitation for nineteen years, 72.7.

Table of excessive and greatest monthly precipitation—June, 1885.

Station.	Specially heavy.		Largest monthly.	Station.	Specially heavy.		Largest monthly.
	Date.	Amt.			Date.	Amt.	
Alabama.				Michigan.			
Greenville.....	16	3.98	9.16	Grand Haven.....	3, 4	2.57	
Do.....	23	2.55		Minnesota.			
Mount View.....	12	4.90	8.00	Moorhead.....	14	2.60	7.92
Do.....	22	2.00		Park Rapids.....			7.57
Mt. Vernon B'ks.....			6.79	Mankato.....			7.36
Tusculum.....	21	2.65	6.56	Duluth.....	11, 12	2.40	
Fort Deposit.....	13	2.07		Mississippi.			
Montgomery.....	22	2.51		Oxford.....	25, 26	4.05	6.68
Arkansas.				Brookhaven.....	24	2.07	
Mount Ida.....	10	2.10	7.30	Missouri.			
Lead Hill.....	15, 16	2.30		Conception.....	2, 3	2.50	9.25
Dakota.				Do.....	6, 7	2.14	
Webster.....	3	2.22	8.88	Do.....	19, 20	3.42	
Do.....	5	2.19		Montana.			
Fort Randall.....			6.16	Fort Ellis.....			7.35
Fort Buford.....	6, 7	3.61	6.05	Fort Benton.....	5, 6	2.53	
Fort Sully.....	5, 6	2.02		Fort Custer.....	5, 6	2.02	
Florida.				Fort Maginnis.....	6, 7	2.21	
Archer.....	13, 14	2.60	11.45	Nebraska.			
Do.....	17, 18	2.36		Tecumseh.....	3	2.25	
Cedar Keys.....	4, 5	3.68	10.98	New Hampshire.			
Merritts Island.....	1	2.00	9.27	Mt. Washington.....	1, 2	3.49	11.34
Do.....	11	3.26		Do.....	29, 30	3.54	
Jacksonville.....	10	5.11	8.98	Woodstock.....	28, 29	3.94	
Manatee.....			7.51	New York.			
Ft. St. Augustine.....			7.26	Penn Yan.....	22, 23	4.65	7.54
Live Oak.....			6.97	Buffalo.....	21, 22	3.39	6.39
Mayport.....			6.51	Le Roy.....	4, 5	2.10	
Fernandina.....	11	2.00		Humphrey.....	22	2.50	
Georgia.				Ithaca.....	28	2.08	
Savannah.....	9	2.01	8.11	Oswego.....	5	2.39	
Do.....	10	2.07		North Carolina.			
Jenup.....	25	2.04	8.00	Salisbury.....	25	7.10	8.60
Dalton.....	7	4.01	6.16	Lumberton.....	10	3.03	7.67
Athens.....	9, 10	2.24		Do.....	27	3.20	
Washington.....	10	2.15		Flat Rock.....	26, 27	4.51	6.69
West Point.....	7	2.00		Fort Macon.....	10, 11	2.24	
Cartersville.....	16	2.44		Ohio.			
Illinois.				Hiram.....			7.66
Bunker Hill.....	14, 15	3.34	8.22	Westerville.....	20, 21	4.59	7.31
Do.....	20	3.13		Cleveland.....	4, 5	2.77	7.22
Collinsville.....	19, 20	3.35	7.42	Do.....	20, 21	3.40	
Sycamore.....			7.04	Jefferson.....	4, 5	2.16	6.93
Anna.....	15, 16	3.68	6.89	Do.....	21, 22	3.25	
Mattoon.....			6.70	Sandusky.....	4, 5	2.28	6.61
Swanwick.....	20	2.38		Do.....	20, 21	2.43	
Riley.....	2	2.39		Garrettsville.....			6.05
Do.....	20, 21	2.38		Ruggles.....	20, 21	2.50	
Charleston.....	15	2.15		Weymouth.....	20, 21	2.13	
Chicago.....	2, 3	3.44		Lordstown.....	3, 4	3.05	
Indiana.				Upper Sandusky.....	20, 21	2.14	
Greencastle.....	3, 4	4.08	8.64	Oberlin.....	4, 5	2.50	
Do.....	15	2.83		Columbus.....	21, 22	2.99	
Connersville.....			7.34	Pennsylvania.			
Franklin.....	15	2.88	6.37	Erie.....	5	2.14	6.84
Worthington.....	15	2.36		Do.....	21, 22	3.16	
Indianapolis.....	4	2.87		Franklin.....			6.75
Wabash.....	21	2.75		Dyberry.....	4, 5	3.00	
Fort Wayne.....	20, 21	2.60		Rhode Island.			
Logansport.....	4	2.10		Nyatt Point.....	5, 6	2.25	
Monticello.....	4	3.07		Do.....	28, 29	2.20	
Indian Territory.				South Carolina.			
Fort Reno.....	23, 24	3.13	9.41	Hardeeville.....	9	5.50	12.95
Fort Sill.....	17	2.67	8.16	Do.....	24	2.52	
Iowa.				Blackville.....	24	2.56	7.20
Logan.....	3	2.50	9.80	Kingwood.....	10	3.20	
Do.....	5	3.70		Kingstree.....	10	2.60	
Do.....	12, 13	2.00		Jacksonborough.....	25	3.52	
Keokuk.....	13	2.05	6.97	Branchville.....	10	2.20	
Dubuque.....	19	2.31	6.16	Columbia.....	10	2.70	
Fort Madison.....	12	2.80		Batesburg.....	10	4.08	
Ottumwa.....	12, 13	2.72		Anderson.....	9, 10	3.01	
Kansas.				Charleston.....	17, 18	2.54	
Wyandotte.....			7.03	Tennessee.			
Elk Falls.....			6.50	Brownsville.....	12	4.50	9.75
Independence.....	24	2.60		Do.....	21	2.07	
Wellington.....	19	2.34		Dyersburg.....	11, 12	5.75	7.12
Oswego.....	23	2.15		Grand Junction.....	26, 27	3.67	6.56
Sherlock.....	16, 17	2.05		Chattanooga.....	25	2.01	6.09
Kentucky.				Milan.....	12	2.06	
Louisville.....	15, 16	2.02		Texas.			
Louisiana.				Cleburne.....	24	2.06	
Shreveport.....	9, 10	2.55		Galveston.....	24	2.52	
Coushatta.....	25	2.39		Fort Concho.....	27, 28	2.50	
Grand Coteau.....	26	2.00		Fort Elliott.....	22	2.30	9.82
Maine.				Do.....	28	2.06	
Mayfield.....			9.03	Utah.			
Gardiner.....	29, 30	3.82		Salt Lake City.....	5, 6	2.14	
Portland.....	29, 30	2.61		Vermont.			
Orono.....	30	2.60		Dorset.....	4, 5	2.23	
Eastport.....	30	2.26		Wisconsin.			
Maryland.				Milwaukee.....			6.49
Baltimore.....	28	4.47	6.31	Beloit.....	2	2.24	
McDonogh.....	28	2.48		La Crosse.....	2	2.28	
Fallston.....	28	2.18					
Massachusetts.							
New Bedford.....	28, 29	3.38					
Boston.....	28, 29	2.09					

New Jersey.—South Orange, Essex county: monthly precipitation, 1.00, is the smallest recorded in June since 1869; the June average for the last fifteen years is 3.21.

New York.—North Volney, Oswego county: monthly precipitation is 3.05, and the average for June for the last thirteen years is 3.11.

Palermo, Oswego county: monthly precipitation, 2.92, is the June average for a period of thirty-two years.

Ohio.—Wauseon, Fulton county: monthly precipitation, 3.83, is 0.67 below the June average for the last thirteen years.

Pennsylvania.—Dyberry, Wayne county: monthly precipitation, 3.92, is 0.62 above the June average for a period of thirteen years.

Quakertown, Bucks county: monthly precipitation, 0.81, is the least recorded in June since 1874; in that month the rainfall was inappreciable.

Texas.—New Ulm, Austin county: monthly precipitation, 0.51, is the least recorded in June during the last thirteen years, the average for that period being 3.80.

Vermont.—Woodstock, Windsor county: monthly precipitation, 2.28, is 1.11 below the June average for the last seventeen years.

Virginia.—Wytheville, Wythe county: monthly precipitation, 1.40, is 2.54 below the June average for a period of twenty-one years.

West Virginia.—Helvetia, Randolph county: monthly precipitation, 4.66, is 1.26 below the June average for the last nine years.

SNOW.

Snow is reported to have fallen at the following stations during the month:

Braddock, Colorado, 5th, 6th, 14th.

Pike's Peak, Colorado, 2d, 9th, 24th, 28th, 29th.

Albiou, Idaho, 7th.

Helena, Montana, 7th.

Mount Washington, New Hampshire, 2d, 23d, 24th.

Carson City, Nevada, 3d.

Winnemucca, Nevada, 5th, on mountain; 6th, 10th.

Fort Klamath, Oregon, 5th.

Fort Bridger, Wyoming, 5th.

MONTHLY SNOW-FALLS.

[Expressed in inches and tenths.]

Summit, California, 8.0.

Pike's Peak, Colorado, 4.6.

Cisco, California, 4.0.

Braddock, Colorado, 2.1.

Mount Washington, New Hampshire, 1.1.

Toano, Nevada, 0.2.

Emigrant Gap, California, 0.2.

On the summit of Pike's Peak, Colorado, 5.1 of unmelted snow remained on the ground at the end of the month.

SLEET.

Pike's Peak, Colorado, 1st, 2d, 3d, 8th, 15th, 19th, 20th, 22d to 26th, 28th, 29th, 30th.

Mount Washington, New Hampshire, 8th, 9th.

HAIL.

Nashville, Tennessee: a destructive hail storm occurred about one and one-half miles east of Gallatin, Sumner county, on the 1st. The corn and potato crops were destroyed, much window-glass broken, and fowls killed by the hail-stones, some of which were one inch in diameter.

Burlington, Iowa: a destructive hail storm occurred during the afternoon of the 2d. Reports from the surrounding country state that all kinds of crops were badly damaged.

Beloit, Rock county, Wisconsin: hail-stones fell at this place on the 2d, measuring one and one-half inches in diameter; crops were damaged to some extent.

Cedar Rapids, Linn county, Iowa: considerable damage was caused by the hail storm on the 2d.

Milwaukee, Wisconsin: from 5.30 to 5.47 p. m. on the 7th there was a heavy fall of hail which caused much damage to hot-houses in the suburbs, where the hail-stones are reported